

Converting Colors

Hex(004043)

Have a look what the booklet for
Hex(004043) contains.

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Color

Hex(004043)

Conversions

Conversions Part 1

Format	Color
Hex	004043
RGB	0, 64, 67
RGB Percent	0%, 25%, 26%
CMY	1.0000, 0.7490, 0.7373
CMYK	1.00, 0.04, 0.00, 0.74
HSL	183°, 100%, 13%
HSV	183°, 100%, 26%
XYZ	2.8465, 4.0720, 5.9461
YIQ	45.2060, -39.1070, -12.6350

Conversions

Conversions Part 2

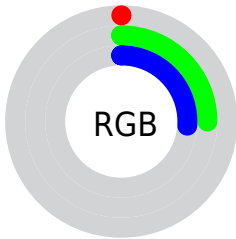
Format	Color
RYB	0, 33, 67
Decimal	16451
CIELab	23.91, -16.75, -7.07
CIELCh	24, 18.177, 202.895
Yxy	4.0720, 0.2213, 0.3165
Android (android.graphics.Color)	4278206531 (0xFF004043)
YUV	45.2060, 10.7444, -39.6457
Hunter-Lab	20.1793, -10.1343, -3.3452

Details

The Hex color **004043** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **430300**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3B7073**, and **001718** is the 20% darker color. If you saturate the color by 10%, you get **004043**, and if you desaturate by 10%, it is **074043**.

Distribution



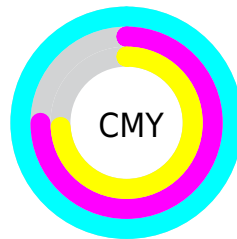
- Red (0%)
- Green (25%)
- Blue (26%)



- Red (0%)
- Yellow (13%)
- Blue (26%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (75%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004043 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 004043 by changing the saturation by 10% instead.

004043

004043

FAFFFF

002A2D

3B7073

001718

558A8C

000000

6FA4A7

89BFC2

A4DBDE

C0F8FA

DDEFFF

004043

■ 074043

■ 0D4143

■ 144143

■ 1B4143

■ 224243

■ 284243

■ 2F4243

■ 364243

■ 3C4343

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



154035



004043



043E4E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



004043



473249



45371E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



004043



430300

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4F3224



004043



512E3D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



004043



363752



532F2F



373B1F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



004043



163C53



532F2F



48351F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



004043



3D5657



004302



1C2B2B



ABABAB



2B2B2B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



004043



005357



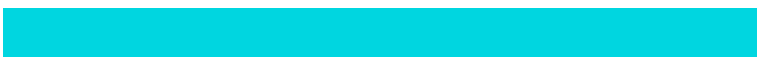
001F43



1E2121



005D61



00D6E0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



430040



570053



432400



211E21



61005D



E000D6

Previews

White Background



This preview shows how the Hex color 004043 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

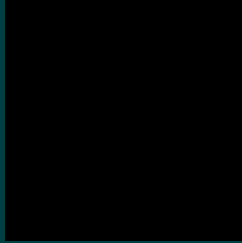
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 004043 Background



This preview shows how black text looks on a background with the Hex color 004043.



This preview shows how white text looks on a background with the Hex color 004043.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

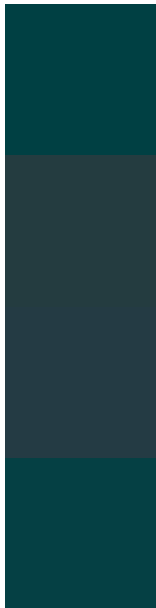


Original Color
004043

Protanopia
39393E

Deuteranopia
393845

Trichromacy



Original Color
004043

Protanomaly
243C40

Deuteranomaly
243B44

Tritanomaly
054044

Monochromacy



Original Color
004043

Achromatopsia
2D2D2D

Achromatomaly
1D3435

CSS Examples

Text

The CSS property to change the color of the text to Hex 004043 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #004043 looks like.

```
.text, #text, p{  
    color:#004043  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #004043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004043
}
```

Border

The CSS property to change the border of an element to Hex 004043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

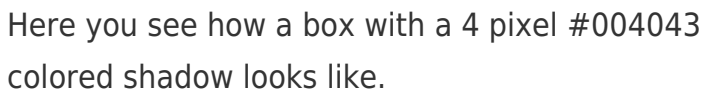
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#004043 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#004043 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #004043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004043; -webkit-box-shadow:4px 4px  
4px 4px #004043; box-shadow:4px 4px 4px  
4px #004043 }
```

Background

The CSS property to change the background color of an element to Hex 004043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004043 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#004043 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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